

CLAIMS

- 1 Composition comprising, per 100 parts by weight :
- 99 to 60 parts of a styrene polymer (A),
5 - 1 to 40 parts of (B) + (C),
 (B) being a copolymer containing polyamide blocks and polyether blocks
 comprising essentially ethylene oxide units —(C₂H₄—O)— ,
 (C) being a compatibilizer chosen from low-mass copolymers (C1) of
10 styrene and of an unsaturated carboxylic acid anhydride, copolymers (C2)
 of ethylene and of an unsaturated carboxylic acid anhydride and
 copolymers (C3) of ethylene and of an unsaturated epoxy, blocks
 copolymers (C4) SBS or SIS grafted by an unsaturated carboxylic acid or an
 unsaturated carboxylic acid anhydride and mixtures thereof,
 (B)/(C) being between 2 and 10.
- 15 2 Composition according to Claim 1, in which (A) is polystyrene.
- 3 Composition according to Claim 1, in which (A) is ABS.
- 20 4 Composition according to any one of the preceding claims, in
 which (C1) is a copolymer of styrene and maleic anhydride, having an
 average molar mass of between 800 and 10,000.
- 25 5 Composition according to any one of Claims 1 to 3, in which
 (C2) is chosen from ethylene-alkyl (meth)acrylate-maleic anhydride
 copolymers, these copolymers containing from 0.2 to 10% by weight of
 maleic anhydride and from 0 to 40% by weight of alkyl (meth)acrylate.
- 30 6 Composition according to any one of Claims 1 to 3, in which
 (C3) is advantageously an ethylene/alkyl (meth)acrylate/unsaturated epoxy
 copolymer possibly containing up to 40% by weight of alkyl(meth)acrylate
 and up to 10% by weight of unsaturated epoxy.

7 Composition according to any one of the preceding claims, in which the amount of (B) + (C) is advantageously from 5 to 20 parts per 95 to 80 parts of (A).

5 8 Composition according to any one of the preceding claims, in which the ratio (B)/(C) is between 4 and 6.

9 Articles manufactured from a composition according to any one of the preceding claims.

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